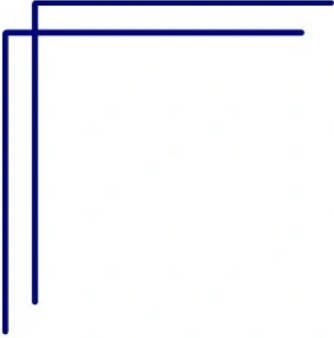




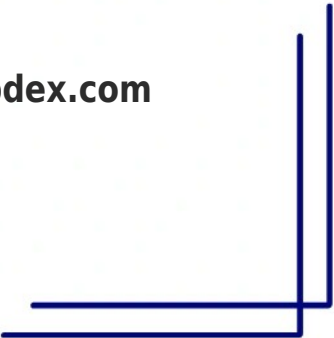
LABdex



High Speed Refrigerated Centrifuge LX104HSR



Email: info@labdex.com **website:** www.labdex.com



Description

It is a floor standing high speed refrigerated centrifuge having 21000 rpm speed. Designed with Microprocessor controlled system and 3 tier protection steel covering to ensure safety. Equipped with brushless frequency motor, LED display, flexible axle driven rotor system, automatic, automatic electric locking system that ensures protection against over speed, over temperature and imbalance and delivers highly precise results. Adapters can be designed as per the experimental requirement.

Specifications

Maximum speed	21000 rpm
Maximum RCF	46140 x g
Maximum capacity	4 x 1000 ml
Temp. Range	-20 °C to 40 °C
Acceleration / Deceleration profiles	10 Kinds
Temp. Accuracy	± 1 °C
Speed accuracy	±20 rpm
Timer range	1 - 99 hr. 59 min
Noise	≤ 65dB (A)
Rotor Identification	Automatic
Power	AC 110 - 220 V / 50 - 60 Hz / 35 A
Dimension (W x D x H)	800 x 740 x 930 mm
Net weight	300 kg
Packaged dimension	1110 x 850 x 1430 mm

Gross weight	390 kg
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Features

- Microprocessor controlled system
- 10 different acceleration and deceleration speed available
- 3 tier protection steel covering to ensure safety
- Rotor is connected to spindle by specialized taper sleeve
- LED display that indicates all running parameters
- 10 different programs can be stored in the memory

Applications

- Used in medicine, life science, agriculture, microbiology for protein precipitation, RNA extraction etc.

Rotor Selection

Rotor name	Maximum speed (rpm)	Maximum capacity (ml)	Maximum RCF (×g)
Swing rotor 01	15000	4 x 5	21670
Angle rotor 01	21000	12 x 10	44440
Angle rotor 02	20000	16 x 10	46140
Angle rotor 03	20000	8 x 30/20	42040
Angle rotor 04	20000	6 x 50	44700
Angle rotor 05	15000	8 x 50	27540
Angle rotor 06	12000	8 x 100	19610

Angle rotor 07	12000	6 x 300	22650
Angle rotor 08	8000	6 x 500	11740
Angle rotor 09	14000	4 x 250	27840
Angle rotor 10	12000	6 x 250	23670
Angle rotor 11	8000	4 x 1000	12560
Angle rotor 12	21000	24 x 1.5/2	40380
Swing-out rotor 01	4000	4 x 800 (Round cup)	3450



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